

DEVANG NATVARLAL THAKKAR

Project Management | Delivery Management | Test Management

*Certified Scrum Master offering nearly 20 years of rich & qualitative experience in executing projects; ramping-up projects within time, budget & quality parameters, as per project management & best practice guidelines across **Mobile (Application & Games), Desktop and Cloud based Web Application***



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Key Skills

Project Management

Delivery Management

System Migrations / Integrations

Risk Management

Application / Software Development

Manual & Automation Testing

QA Roll-out/Support

Client / Vendor Management

Budgeting & Cost Control

Change Management

Team Building & Leadership



Profile Summary

- Expertise in **managing the entire project planning & implementation** from scope management, to activity sequencing, effort & cost estimation, risk analysis to quality management in-line with the international guidelines & norms
- Excellence in **delivering large-scale, complex products** with a focus on technology transformation; liaising with leadership teams to evaluate technology challenges
- Merit of working as a Project Owner for **XBLOCKR** which was nominated as **Best Mobile Application** in NDTV Tech Life Awards and **Innovative Product of India** by Microsoft TechSparks; XBLOCKR was featured in MIT's Technology Review Magazine
- Steered efforts in **implementing & designing daily, weekly & jackpot Lottery Games**
- Excellence in managing the complex integration with lottery platform like **Casino, Sport Betting and Telco (SMS & USSD integration)**
- Augmented the **customer's sales by 5 times** through development & implementation of highly secured Cloud based Lottery Platform API for B2B business
- Gained exposure of **working on security of applications** which includes Lottery Terminal, Network Level Security & Application Level Security
- Proven track record of visiting various countries i.e. **USA, Nigeria, Gambia, Cambodia, Liberia, Israel, Senegal, Guinea & China**
- Technical expertise in **managing STLC** entailing scripting, analysing & implementing of test scripts, test cases, test processes, defect reporting, bug tracking and report generation of different applications / products
- Significant exposure of working on **Java & .Net technologies** and **Mobile Platforms like Android, iPhone, Window Mobile, WinCE, BREW, J2ME & Palm**
- Achievement-oriented professional with excellent people management skills and capability to manage change with ease



Education



Certifications / Trainings

- B.E. (Electronics & Communications)** from DDIT, Nadiad, Gujarat University in 1999
- Certified Scrum Master** from Scrum Alliance
- Software Verification & Validation** from EQDC, Gandhinagar
- ISO 27001:2005 Internal Auditor Course**



Notable Accomplishments Across The Career

- Played a vital role in the company which was selected for the Best Start-up Accelerator in USA
- Actively involved in first round on investment in LocusPlay
- Spearheaded, supervised & monitored a team of 30+ Engineering Personnel
- Delivered training to 100+ Engineers across the career which are doing well in their industries
- Implemented the Digital Lottery Technologies in emerging market which resulted in company revenue increase 300%
- Steered efforts in developing highly secure & robust lottery terminal for emerging market within 25% cost i.e. less than \$500
- Proven track record of developing Digital Ph Meter which is being used in the industry

Work Experience

Since Jun'20: Turuhi, Bengaluru as Product Manager (www.turuhi.com), - Current working from Ahmedabad, Gujarat.

Key Result Areas:

- 🔗 Planning **project activities** such as scoping, estimation, tracking, change management; implementing project plans within preset budgets & deadlines
- 🔗 Supporting **Agile (Scrum & Kanban) Development Process** in coordination with end-users / stakeholders & Technical Delivery Team
- 🔗 Interacting with **counterparts in product management** to align on the vision, product backlog & roadmap
- 🔗 Ensuring **Engineering Team** complies with engineering processes

Previous Experience

Jun'08 – May'20: LocusPlay (Formerly Aquilonis Technologies Pvt. Ltd.), Bengaluru as Senior Product Manager

Key Result Areas:

- 🔗 Planning **project activities** such as scoping, estimation, tracking, change management, delivery management & post implementation support; implementing project plans within preset budgets & deadlines
- 🔗 Monitoring **onshore & offshore delivery management** for technical deliverables of concurrent projects; understanding client needs & requirements and expectations; devising solutions accordingly
- 🔗 Heading **service delivery functions**, to ensure end-to-end ownership of incidents and service requests; meeting deadlines and Turn-Around-Time without compromising on quality norms and adhering to SLA
- 🔗 Managing various **Agile Projects** with multiple Agile Teams and directing all aspects of Agile Scrum Framework
- 🔗 Supporting **Agile (Scrum & Kanban) Development Process** in coordination with end-users / stakeholders & Technical Delivery Team
- 🔗 Collaborating with other **Product Owners, System Engineers, Program Managers, Developers, Testers & Customers** to define features and technical user stories
- 🔗 Contributing as stakeholder of specific **product backlog items**; working closely with Development Teams to ensure the output to be aligned with expectations
- 🔗 Interacting with **customer to understand their requirements** and providing a business perspective on value during development
- 🔗 Formulating various analytical reports and **automating dashboards to assist Agile Team** in identifying critical KPIs, thereby enabling strategic planning; providing technical assistance and guidance to the Engineering Team
- 🔗 Performing **Sprint Reviews, Project Retrospectives & Regular Snapshots** of project velocity and budget burn rate
- 🔗 Ensuring **Engineering Team** complies with engineering processes
- 🔗 Enhancing & maintaining **cordial relationship with High Level Executives** of key suppliers based out at China

Sep'06 – May'08: Trianz, Bengaluru as Project Leader

Key Result Areas:

- 🔗 Developed team and trained them to follow Scrum and Kanban based on project
- 🔗 Facilitated the Marketing Team for project-related technical work
- 🔗 Defined product roadmap and created backlog in conjunction with Product Owner & Key Business Partners
- 🔗 Worked on wireless devices like CDMA Handsets & Windows Mobile/Smart Phone Device; tracked & reported project metrics to the senior management
- 🔗 Supervised code reviews and ensured all solutions met architectural specifications
- 🔗 Monitored the phase wise testing of project life cycle (SDLC) starting from requirement to implementation
- 🔗 Administered the on-site testing activities of teams spanning across USA and Israel

Apr'05 – Sep'06: HCL EAI Services Pvt. Ltd. (Formerly Aalayance), Bengaluru as Project Leader

Key Result Areas:

- 🔗 Administered the entire on-site testing activities of the team based out at USA
- 🔗 Tested BREW, J2ME & Windows Mobile applications and analysed the game's performance against the desired intent
- 🔗 Performed the testing of game on Emulators & BREW Phones
- 🔗 Carried out testing of the game against BREW (Binary Runtime Environment for Wireless) standards
- 🔗 Reported missing graphics in the game animation and level designs
- 🔗 Provided daily test results and verified bug fixes

Apr'03 – Mar'05: Intellicon Pvt. Ltd., Ahmedabad as Senior Software Engineer

Key Result Areas:

- Coordinated with Developer, Architects & Project Managers
- Managed indexes & statistics and optimized queries by using execution plan for tuning the database
- Managed the phase wise testing of entire project life cycle (SDLC) starting from design to implementation
- Developed a test execution plan, based on the required documents
- Ensured the software quality by taking non-conformities prevention
- Reported the testing status to Project Manager; created & delivered the Test Completion Report

Nov'00 – Mar'03: Tectona SoftSolutions Pvt. Ltd., Ahmedabad as Software Engineer

Key Result Areas:

- Developed system & application using Microsoft Visual Basic 6.0
- Created complex SQL views and stored procedures
- Formulated a test execution plan as per the SRS & Design Documents
- Managed the entire ISO implementation
- Reported issues & status related to the assigned work
- Performed Unit Testing, Integration Testing, System Testing, User Acceptance Testing & Maintenance Testing for software projects

May'99 – Oct'00: Systronics Ltd., Ahmedabad as R&D Engineer

Key Result Areas:

- Developed hardware and worked on hardware level software programming including ARM Processor environment of Cirrus Logic
- Managed work related to driver development, customized SCADA, PLC Programming, etc.



IT Skills

- Operating Systems:** Windows, Linux, QNX, Embedded Linux and AWS
- Mobile Operating Systems:** Android, iPhone, PPC 2002/2003, Smartphone 2003, WM5.0 and 6.0, Palm OS and Qualcomm BREW
- Languages:** Java, Clojure, XML, JS, CSS, jQuery, AJAX, Angular.js, react, HTML, JSON, C#.Net, ASP.Net, VB 6.0, .Net CF (Compact Framework), Python, PHP, PHP Laravel, Assembly Language 8085 and MCS-51 Family
- Database:** MYSQL, SQL Server, Oracle, No SQL and SQL Server for CE
- Technologies:** Wi-Fi, GPS, GSM, CDMA, 3G and 4G
- Mobile Computer Android:** Secure Lottery Terminal - Custom Android OS
- Printer:** Secure Lottery Printer- LocusPlay Brand Printer (Multi language)
- Smartphone:** Motorola Q, Motorola MPx200, Pocket PC & I mate / Siemens Sx66 BREW Device / J2ME
- Devices:** Motorola, LG, Samsung, Kyocera and Sony Ericson (more than 25 devices)
- HHP:** Dolphin 7200 RF (DOS) / Dolphin 7400 RF (Win CE 3.0/PPC2002) and Dolphin 9500 (PPC 2002/PPC2003) and PS 400 POS
- Symbol:** SPT 1500/1800 (Palm OS) / PPT 2800 (PPC2002)
- Tools:** Selenium & JMeter – Automation Testing, Defect Tracking Tool (Bugzilla), Active Sync, BREW 3.x Tool Suits, MS Project (Project Management), SVN (Subversion Repository), VSS (Software Configuration Management), CVS (Software Configuration Management), UML (Object Oriented Tool) and KEIL/SLDC (C Cross Compiler)
- Others:** Linear/2D Barcode Scanner, Mobile Printer-CMP20, CMP 10, ARM Compiler (Real View) for BREW & Payment Gateway Integration
- Marketing Channel:** Google Ads, Slide share, LinkedIn, Newsletter, Blog and Tweets



Personal Details

Date of Birth: 7th April 1978

Mailing Address: A-14, Hari-Ohm Nagar, Near Cadila Bridge, Ghodasar, Ahmedabad - 380050

Languages Known: English, Hindi and Gujarati

Visa Status: USA Visa - B1/B2 (Valid till 26/12/2026)

~ Please refer the attached Annexure for project details ~

Annexure



Projects Undertaken

At Turuhi: (www.turuhi.com)

Title: Turuhi
Designation: Senior Product Manager
Period: Jun'20 – Till Date
Description: Turuhi is a travellers' community. We provide content creators with a platform to increase their online presence and reach a large audience of travellers, media and brands. Our platform is a single source of unbiased and authentic travel information that can be trusted, 100%. Turuhi creates a unique opportunity for travellers to connect with each other and explore mutual synergy. This valuable link is the need of the hour that the travel community has been deprived of.

Environment: PHP Laravel, HTML, JS, CSS, Cloud Server, KeyCDN and MySQL

Role:

- 🔧 Creating & implementing product roadmap to manage the implementation of product
- 🔧 Delivered quick responses to senior management for scope, complexity and estimates
- 🔧 Spearheading the entire Engineering Team to work for attainment of organizational objective
- 🔧 Working towards making improvements in the Release Management Process

At LocusPlay (Formerly Aquilonis Technologies Pvt. Ltd.):

Title: LocusPlay
Designation: Senior Product Manager
Period: Jan'12 – May'20
Description: LocusPlay is enterprise SaaS Platform for lotteries. LocusPlay's remotely-operated management console provides you with all of the tools necessary to manage your growing lottery business. It serves as your back-end operational hub on which the entire game strategy could be formulated & executed.

Management Console: The management console is subdivided into following major components: Game Risk Management, User Management, Draw Management, Location Management, Customer Management and Analytics. It was developed in Clojure, Java, HTML5 and MySQL database.

Mobile Point of Sale: LocusPlay can run as a mobile point of sale operations through the use of mobile agents. These agents carry mobile phones, handheld PDA terminals and Tablets running LocusPlay software and approach customers on the streets to place their bets. The mobile POS units perform nearly all of the functions of the retail POS. It was developed on android and C#.Net.

Online/SMS/USSD Betting: LocusPlay consumers can play the lottery from the comfort of their own home by playing online at any time. Registered users simply need to send a SMS in a predefined format to the correct number in order to place a bet. USSD Betting is a revolutionary way of playing online lottery from any kind of cellular phone without having GPRS or 3G on mobile phone.

Environment: Android, JAVA, Clojure, C#.Net, Selenium & JMeter - Automation Testing, AWS and MySQL

Hardware: Custom Android based Phone & tablet and Mobile Printer designed by LocusPlay

Role:

- 🔧 Creating & implementing product roadmap to manage the implementation of product
- 🔧 Spearheading the entire Engineering Team to work for attainment of organizational objective
- 🔧 Coordinating with Mobile & Printer Vendors to implement the LocusPlay brand phone & printer for Lottery platform
- 🔧 Performing Big Data Analytics and following the Agile (Scrum & Kanban) Model for customization of product as per the varied customer's needs
- 🔧 Working towards making improvements in the Release Management Process

Title: InstantNote+
Designation: Product Manager
Period: Jul'10 – Dec'11
Description: InstantNote+ is a reminder and scheduler mobile application that has voice reminder, text reminder, short alarm, call scheduler, SMS scheduler and email scheduler. With this multi utility function tool, you can set these reminders or schedules instantly, optimize your time and increase your productivity. Time Page contains "time cells" where times are arranged with 15 minutes granularity or 5 minutes granularity for instant selection of desired time and quick setting of required function. Application was developed for iPhone, Android, Window Mobile, Blackberry and Symbian.

Environment: Window Mobile, Android, iPhone, Blackberry, Symbian, C#.Net, Java and C++

Role:

- 🔧 Designed & implemented Product Roadmap and identified & selected appropriate technology for the same
- 🔧 Involved in mapping application on multiple app stores like Microsoft, Blackberry, Android, etc.

Title: XBLOCKR
Designation: Product Manager
Period: May'08 – Dec'10
Description: XBLOCKR is a mobile application which protects your privacy and provides you with a simple and efficient call and SMS management system. It was developed for Android, Window Mobile, Blackberry and Symbian. It has call management options presented on the fly when the call arrives. It provided DUCK, DROP, Divert and Duck & SMS/E-mail options available. It also managed the post call action by Duck Always, Drop Always and Divert Always. XBLOCKR was nominated as “Best Mobile Application” for NDTV Tech life Awards. XBLOCKR was selected as ‘Innovative Product of India’ by Microsoft TechSparks. XBLOCKR was featured in MIT’s Technology Review Magazine.
Environment: Window Mobile, Android, Blackberry, Symbian, C#.Net, Java and C++
Role:

- 🔧 Formulated & implemented Product Roadmap and identified & selected appropriate technology for the same
- 🔧 Involved in mapping application on multiple app stores like Microsoft, Blackberry, Android, etc.

Title: Drink Special
Designation: Project Manager
Period: May'08 – Dec'08
Description: Drink Special uses phone’s location data to identify the Happy Hour deals near by the user. can be particularly handy when users are on a business trip and need to unwind after a long day with clients. If user wishes, they can pick from a list of cities given. It also searches for deals based on their current location. Each store’s listing provides hours, driving directions and its phone number, so that user can call ahead and ensure the availability of their choice.
Environment: Java, C#.Net, Android, iPhone, AWS and MySQL
Role: Formulated & implemented Product Roadmap and identified & selected appropriate technology for the same

At Trianz:

Title: Voice Recognition (Windows Mobile 6.0/BREW)
Designation: Project Lead
Period: Sep'06 – May'08
Description: Trianz has implemented this application for Motorola Q WM6.0 and Motorola V3C. Voice Recognition is multi model application, so user can operate the complete application by VUI (Voice user interface) and GUI (Graphical user interface). Application support following functionality using VUI and GUI:

- 🔧 **Call Command:** user can dial the number
- 🔧 **Send Command:** user can send text/picture message
- 🔧 **Play Command:** User can control the complete media player
 - Play song using title, artist, playlist, albums
 - Pause, Stop, Play next, Play loader, Play softer
- 🔧 **Check/Lookup Command:** Provides complete phone status, message, voice mail, appointment and contact application
- 🔧 **Go to Command:** User can launch application from Voice Recognition Application
- 🔧 **Incoming Alerts:** Incoming Call, Incoming SMS and Calendar

Parameters are set to perform the above features: Three Tried On/Off, Play Hint On/Off, Incoming Alerts On/Off, Change Language, Sensitivity and Adapt to the voice.

Environment: C++, Smartphone WM6.0 SDKs, BREW3.x
Hardware: Motorola Q and Motorola V3C
Role:

- 🔧 Delivered quick responses to senior management for scope, complexity and high-level estimates
- 🔧 Allocated work and created test; coordinated with client for project tracking & releases
- 🔧 Wrote & executed test plans, performed Defect Analysis and worked on defect preventing software
- 🔧 Managed the onsite testing activities in USA and Israel

At HCL:

Title: Location Tracking System (USA On-Site – Autodesk)
Period: Nov'05 – Mar'06
Description: Location tracking system has two parts, Parent and Child Application. Parent application is web-based application and child application sit into mobile. Child application is part of OEM application for LG. Parent application is configure the child information like outgoing call number, child zone information and parent number for SMS. Parent application could configure maximum 4 outgoing phone numbers and 10 child zone information. Parent application is continuing check child location and send the SMS to parent mobile.
Environment: BREW SDK2.0, C++ and LG VX 1100

Role:

- Worked as Primary Point of Contact for senior management and provided ongoing status to the top management
- Wrote & executed test plans & test cases, performed Defect Analysis and worked on defect preventing software
- Performed Battery Life Testing and Performance Testing

At Intellicon Pvt. Ltd.:**Title:** IntelliWMS® (A Warehouse Management System)**Period:** Apr'03 – Mar'05**Description:** The product is developed extensively using Barcode wherein all the transactions are validated using a barcode. The product carries 30+ man years of development cycle and 1 million lines of code. It supports following features of warehouse management in detail:

- Receiving & Put away (System directed & manual)
- Picking & Shipping (System directed & manual)
- Rule based system intelligence, Multi stage order cancellation
- Auto and manual Replenishment , Auto and manual Let-Down
- Paper based transactions in absence of Bar-coding
- Inter-Warehouse transfer and Cubing (Space management)
- Palletization and Packaging
- Location management, location classification and RSN (Running Serial Number)
- 40% of the computation happens at the database level, extremely good performance

Environment: VB.Net, eMbedded VC++ 3.0, Visual Basic 6.0, .NET Framework 1.1 (VB.Net), SQL Server 2000 and Wireless Client (Win CE)**Role:**

- Designed test specification and executed the test cases
- Performed Unit, Integration, System, User Acceptance & Maintenance Testing
- Monitored the process by ensuring the maximum Customer Satisfaction
- Prepared & maintained CAR (Correcting Action Report) and PAR (Preventing Action Report)
- Reviewed process (SRS, Design Document and Code Review); involved in Release Management Process

Title: Date/Time Security in Handheld Computer (Win CE/PPC)**Period:** Jan'04 – Apr'04**Description:** Handheld computers (PDAs) running on Microsoft platform like Win CE based OS; run through security hazards as most of the time they were used for either critical or mission critical applications. Such devices interact with live data on real time basis and hence parameters like date, time, etc. has to be accurate when transaction happens through such devices. The users can manipulate date and time of the device which in-turn can ruin the purpose of using such devices. Keeping the objective in mind, we developed a program which resides inside the device (but will not be visible to the normal user). The moment user tries to change any such parameter, it will ask for authorization password. Used parent-child thread relationship concept of windows programming to hook the event. The program has been developed in such a manner that it will not be wiped out of memory even though the device gets cold boot. The program continuously runs inside the device as a backend process and doesn't stop functioning in any scenario.**Environment:** VC++ 6.0, eMbedded VC++ 3.0, Win CE 3.0/PPC2002/Win CE.NET 4.2 and Handheld Computer/PDA**Role:**

- Designed the test specification and executed the test cases
- Deployed application, wrote & executed test plans & cases, performed Defect Analysis and worked on defect preventing software

At Tectona SoftSolutions Pvt. Ltd.:**Title:** Loom Monitoring System for Reliance**Period:** Nov'00 – Mar'03**Description:** The project was developed to collect various parameters of textile loom on a real time basis. Based on these parameters, customer wanted to monitor following important measures related to production efficiency:

- Fast scanning of 700+ looms (at every 6 seconds)
- Monitoring loom wise and operator wise efficiency
- Controlling theft of semi-finished and finished material
- Monitoring the status of down time with results

Environment: Oracle 8i, Visual Basic 6.0 and Crystal Report**Role:**

- Performed offline & online testing for Loom Monitoring System
- Successful in bringing the system Crash Ratio from 5 per month to 1 per month within a span of 3 months and ultimately made the system stable